

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently amended) A radio communication system, comprising:

a maintenance terminal;

~~an absolute~~ a first base station ~~which adjusts~~ configured to adjust the phase of a frame signal according to a GPS signal when a predetermined re-synchronization time is reached, and transmits the frame signal; and

a subordinate base station which, upon reception of the frame signal from said ~~absolute~~ first base station, ~~adjusts~~ is configured to adjust the phase of an internal frame signal to coincide with the ~~thus~~-received phase of the frame signal.

wherein said ~~absolute~~ first base station ~~adjusts~~ is further configured to adjust an internal clock operating according to a line clock based on a time matching signal transmitted from ~~a~~ said maintenance terminal, said time matching signal being transmitted before the adjustment of the phase of the frame signal according to the GPS signal is performed.

2. (Currently amended) The radio communication system, comprising:

~~an absolute~~ a first base station ~~which adjusts~~ configured to adjust the phase of a frame signal according to a GPS signal when a predetermined re-synchronization time is reached, and transmits the frame signal; and

a subordinate base station which, upon reception of the frame signal from said ~~absolute~~ first base station, ~~adjusts~~ is configured to adjust the phase of an internal frame signal to coincide with the ~~thus~~-received phase of the frame signal.

wherein ~~when it is detected~~ if the first base station detects that a call has been generated before the predetermined re-synchronization time is reached, said ~~absolute~~ first base station ~~hands-is configured to hand~~ over the call to said subordinate base station.

3. (Currently amended) The radio communication system according to claim 2, wherein when the handing-over of the call to said subordinate base station fails, said ~~absolute~~ first base station is configured to forcibly euts-cut the call.

4. (Currently amended) The radio communication system according to claim 2, wherein when the handing-over of the call to said subordinate base station fails, said ~~absolute~~ first base station ~~receives-is configured to receive~~ a frame signal from another ~~absolute~~ base station existing in the same area, and ~~adjusts-is further configured to adjust~~ the phase of the internal frame signal to coincide with the phase of the thus received frame signal.

5. (New) A method for radio communication comprising:

adjusting, at a first base station, a frame signal phase according to a GPS signal when a predetermined re-synchronization time is reached, and transmitting the frame signal to a subordinate base station;

adjusting, at a subordinate base station, an internal frame signal phase when the frame signal from said first base station is received, to coincide with the received phase of the frame signal; and

adjusting a first base station internal clock according to a line clock, based on a time matching signal transmitted from a maintenance terminal, said time matching signal being

transmitted before the adjustment of the phase of the frame signal according to the GPS signal is performed.

6. (New) A method of radio communication comprising:

adjusting a first base station frame signal phase according to a GPS signal when a predetermined re-synchronization time is reached, and transmitting the frame signal to a subordinate base station;

adjusting a subordinate base station internal frame signal phase when the frame signal from said first base station is received, to coincide with the received phase of the frame signal; and

handing-over a call from the first base station to the subordinate base station, if the first base station detects that a call had been generated before the predetermined re-synchronization time was reached.

7. (New) A method of radio communication according to Claim 6, further comprising:

forcibly cutting the call at the first base station, if a hand-over of the call from the first base station to the subordinate base station fails.

8. (New) A method of radio communication according to Claim 6, further comprising:

receiving, at the first base station, a frame signal from another base station existing in the same area, and adjusting the phase of the first base station frame signal to coincide with a phase of the thus received frame signal, if a hand-over of the call from the first base station to the subordinate base station fails.

9. (New) A base station connected to at least one subordinate base station via a radio communication system, comprising:

means for adjusting a frame signal phase according to a GPS signal when a predetermined re-synchronization time is reached, and transmitting the frame signal to the at least one subordinate base station; and

means for adjusting an internal clock according to a line clock, based on a time matching signal transmitted from a maintenance terminal, said time matching signal being transmitted before the adjustment of the phase of the frame signal according to the GPS signal is performed.

10. (New) A base station connected to at least one subordinate base station via a radio communication system, comprising:

means for adjusting a frame signal phase according to a GPS signal when a predetermined re-synchronization time is reached, and transmitting the frame signal to the at least one subordinate base station; and

means for adjusting an internal clock according to a line clock based on a time matching signal transmitted from a maintenance terminal, said time matching signal being transmitted before the adjustment of the phase of the frame signal according to the GPS signal is performed; and

means for handing-over a call to the at least one subordinate base station if the base station detects that the call had been generated before the predetermined re-synchronization time was reached.

11. (New) A base station according to Claim 10, further comprising:

means for forcibly cutting the call if a hand-over of the call from the base station to the at least one subordinate base station fails.

12. (New) A base station according to Claim 10, further comprising:

means for receiving a frame signal from another base station existing in the same area, and adjusting the phase of the base station frame signal to coincide with a phase of the thus received frame signal if a hand-over of the call from the base station to the at least one subordinate base station fails.